

INTERNATIONAL SEARCH REPORT

PCT/IB2004/003843

A. CLASSIFICATION OF SUBJECT MATTER
 IPC 7 H01M8/02 H01M8/24

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
 IPC 7 H01M

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 02/15311 A (BASF AKTIENGESELLSCHAFT; FISCHER, KLAUS; BARTHOLOMEYZIK, WILLI) 21 February 2002 (2002-02-21) page 2, lines 32-34 page 3, lines 24-29 page 9, lines 4-14 claims 1-10 page 1, lines 8-10	1-7, 9, 10
X	WO 01/80339 A (NEDSTACK HOLDING B.V; MIDDELMAN, ERIK; VAN DER ZIJDEN, ARTHUR) 25 October 2001 (2001-10-25) page 1 page 3, last paragraph - page 4, paragraph 1ST page 5, paragraph 1ST page 6; example 2 figures 7,8	1-7, 9

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

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Date of the actual completion of the international search

22 April 2005

Date of mailing of the international search report

02/05/2005

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	EP 0 951 086 A (MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD) 20 October 1999 (1999-10-20) paragraphs '0001!, '0002!, '0022!, '0035!, '0045!, '0059!, '0062! paragraphs '0069! - '0075! paragraphs '0082!, '0098!, '0114!, '0153!, '0160! claim 15	1-7,9,10
X	US 6 638 657 B1 (CISAR ALAN ET AL) 28 October 2003 (2003-10-28) column 2, lines 60-65 column 4, line 40 - column 5, line 14 column 9, lines 23-39 column 9, line 51 - column 10, line 9	1-7,9
X	US 5 527 634 A (MEACHAM ET AL) 18 June 1996 (1996-06-18) column 6, lines 9-28 column 6, line 50 - column 7, line 9 column 7, lines 23-57	1-3,5,7, 9
E	EP 1 489 675 A (LYNNTECH, INC) 22 December 2004 (2004-12-22) paragraph '0018! paragraphs '0029!, '0030! page 5; table 2 paragraphs '0051! - '0053!	1-7,9

INTERNATIONAL SEARCH REPORT

PCT/IB2004/003843

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
WO 0215311	A	21-02-2002	DE 10039674 A1	07-03-2002
			AU 8768301 A	25-02-2002
			CA 2419209 A1	12-02-2003
			CN 1454397 A	05-11-2003
			WO 0215311 A2	21-02-2002
			EP 1312129 A2	21-05-2003
			JP 2004507052 T	04-03-2004
			US 2003180598 A1	25-09-2003
WO 0180339	A	25-10-2001	NL 1014405 C1	20-08-2001
			AU 3782101 A	30-10-2001
			EP 1290741 A2	12-03-2003
			WO 0180339 A2	25-10-2001
			US 2004023095 A1	05-02-2004
EP 0951086	A	20-10-1999	CN 1233081 A ,C	27-10-1999
			DE 69923023 D1	10-02-2005
			EP 1484813 A2	08-12-2004
			EP 0951086 A2	20-10-1999
			JP 3570669 B2	29-09-2004
			JP 2000133291 A	12-05-2000
			JP 2004158463 A	03-06-2004
			US 6372373 B1	16-04-2002
US 6638657	B1	28-10-2003	US 6146780 A	14-11-2000
			AU 6648198 A	18-08-1998
			DE 69826111 D1	14-10-2004
			EP 1484812 A2	08-12-2004
			EP 0963614 A2	15-12-1999
			WO 9833221 A2	30-07-1998
US 5527634	A	18-06-1996	US 5268241 A	07-12-1993
			CA 2149912 A1	09-06-1994
			WO 9317465 A1	02-09-1993
EP 1489675	A	22-12-2004	EP 1489675 A2	22-12-2004
			ES 2220545 T3	16-12-2004